

Sheet 1 of 1

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| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | | Atty. Docket No. US 010028 | | Serial No. | |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | | | Applicant ERWIN B. BELLERS | | JC929 U.S. PTO 09/24/01 09/24/01 | |
| | | | | Filing Date CONCURRENTLY | | Group 26/3 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Ex. Int | | Document Number | Date | Name | Class | Sub- class | Filing Date If Approp. |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Sub- class | Trans. Yes no |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| <i>h</i> | AJ | "Motion Estimation and Compensation" by G. de Haan, pages 5-22 11-22 | | | | | |
| <i>h</i> | AK | "True Motion Estimation with 3-D Recursive Search Block Matching", by G. de Haan et al., IEEE Transactions on Circuits and Systems for Video Technology, Vol. 3, No. 5, Oct. 1993, pages 368-379. | | | | | |
| <i>u</i> | AL | "Sub-Pixel Motion Estimation with 3-D Recursive Search Block-Matching", by G. de Haan et al, Signal Processing Image Communication No. 6, 1994, pages 229-239. | | | | | |
| <i>h</i> | AM | "Recursive Search Block-Matching", Chapter 4, pages 101-126. | | | | | |
| Examiner <i>W. Lu</i> | | | | Date Considered 6/10/03 | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant. | | | | | | | |



Form PTO-1449
COMMERCE
(REV. 7-80) PATENT AND TRADEMARK OFFICE

Atty. Docket No.
US 010028

Serial No.
09/840,817

Applicant
Erwin B. Bellers

Filing Date
April 24, 2001

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| AJ | | | | | | | |
| AK | | | | | | | |

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----|--|
| AL | "Simultaneous Multi-Frame MAP Super-Resolution Video Enhancement using Spatio-Temporal Priors", by S. Borman et al., Department of Electrical Engineering, pages 469-473, 2/99 |
| AM | "Simultaneous Recursive Displacement Estimation and Restoration of Noisy-Blurred Image Sequences", by James C. Brailan et al., pages 1236-1251, 9/95 |
| AN | |

Examiner

Date Considered 6/10/03

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